

Ac-ESMD-CHO

Chemical Properties

CAS No. : 191338-87-1

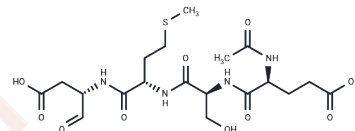
Formula: C₁₉H₃₀N₄O₁₀S

Molecular Weight: 506.53

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ac-ESMD-CHO functions as an inhibitor of both caspase-3 and caspase-7, specifically obstructing the proteolytic cleavage of the caspase-3 precursor peptide (CPP32) at the Glu-Ser-Met-Asp (ESMD) site [1] [2].
Targets(IC50)	Casein Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9742 mL	9.8711 mL	19.7422 mL
5 mM	0.3948 mL	1.9742 mL	3.9484 mL
10 mM	0.1974 mL	0.9871 mL	1.9742 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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